Amendments to the Specification:

Please replace the portion of text in Specification on page 10, from line 15 through line 20 with the following text:

> The depicted example in **Figure 3** and above-described examples are not meant to imply architectural limitations. For example, data processing system **300** also may be a notebook computer or hand held computer in addition to taking the form of a <u>personal digital assistant (</u>PDA<u>)</u>. Data processing system **300** also may be a kiosk or a Web appliance.

Please replace the portion of text in Specification on page 12, from line 5 through line 8 with the following text:

> An example of <u>a</u> prerequisite is [[that a]] IBM® DB2®<u>, a</u> database required for running an IBM Directory application, which is available from International Business Machines Corporation.

Please replace the portion of text in Specification on page 21, from line 4 through line 22 with the following text:

> With reference again to step **714**, if the testing of the combination on the test computer is successful, an entry is added into the knowledge base for the test results (step **72<u>8</u>** [[6]]). The new software module is then installed on the target computer (step **7<u>30</u>** [[28]]) with the process terminating thereafter.
>
> Turning back to step **708**, if the combination is not to be tested, a determination is made as to whether to install the new software module (step **73<u>2</u>** [[0]]). If the new software module is to be installed, the process proceeds to step **7<u>30</u>** [[28]] as described above. The process also proceeds to step **7<u>30</u>** [[28]] if a negative result is not received in step **706**. In these examples, a positive result is received if the compatibility of the software modules in prior installations in the knowledge base is greater than some threshold. This threshold may vary depending on the particular implementation. In some cases, any incompatibility may result in a negative result instead of a positive result from the knowledge base.